



Waldmann **W**
ENGINEER OF LIGHT.



SEE THINGS DIFFERENTLY.
LED LIGHTING FOR LABORATORIES.

LED Laboratory Lighting



Effective lighting is crucial for employee health and safety. Waldmann Lighting's family of laboratory products offers the right light where it matters most.

TAMETO.

QUALITY AND VERSATILITY FOR ERGONOMIC WORKSTATION LIGHTING.



TAMETO workplace-system luminaires at a glance:

- LED technology or T5 fluorescent lamp options
- Glare-free and flicker-free light
- 4000K neutral white color temperature
- Service life of up to 50,000 hours (LED) or 24,000 hours (T5) and more
- Up to 60% energy savings and up to 40% higher illuminance when compared to conventional compact fluorescent lamps
- Fixed or suspended mounting options
- Sealed design for protection from outside elements
- Sturdy aluminum housing

Laboratory work demands high quality lighting. The new TAMETO family of LED luminaires offers an exceptional, efficient solution with a wide range of variations for optimum light in laboratories.

High quality lighting

Light output is generated along the entire length of the luminaire without any dark areas. High-quality diffusers control glare and reflections on glossy surfaces. Subtle, evenly-dispersed, flicker-free light reduces eye strain and improves productivity.



Wide variety of options

The TAMETO family offers different lengths and light intensities for optimum integration into the laboratory workstation. TAMETO can be attached directly to a rail system or suspended above the workstation. The height-adjustable suspended luminaire is ideal for quick and simple adjustment.

High-quality LED technology

Thanks to advanced LED technology and intelligent thermal management, TAMETO LED luminaires achieve significant energy savings compared with conventional lighting solutions. And their long service life guarantees up to 50,000 or more hours of maintenance-free operation.

Strong, sleek and minimalistic, TAMETO has an unassuming design for laboratory applications.

TANEO. THE OPTIMAL LIGHT FOR MULTITASKING.

TANEO is a sophisticated LED lighting solution designed to provide premium performance for a myriad of task lighting applications. With three available output levels, TANEO can easily fulfill any luminance requirement. With high quality

lighting and ergonomic handling, it is ideal for laboratory, assembly or quality control settings, as well as manufacturing, electronic or metalworking environments.



TANEO arm-mounted system luminaires at a glance:

- 12, 24 or 36 x LED
- Power consumption 15W, 31W or 47W
- 4000K or 5000K color temperature available
- Glare-free - translucent or clear prismatic lens
- Anodized aluminum housing
- Spring-balanced arm with 3D head joint
- Touch panel integrated in the luminaire head for on/off switching and dimming
- Wall power supply (15W) or table power supply (31W and 47W)
- 100–240V, 50/60Hz
- 10-foot cord
- ETL/cETL approved
- Arm-mounted and system luminaire models available

Efficient and task-oriented output levels

Whatever the version, TANEQ is always energy-efficient, consuming 30% less energy when compared to conventional task luminaires with the same luminous power. The smaller, 1400 lux model uses only 15W of energy consumption, while the larger 2600 lux and 3600 lux versions use only 31W and 47W respectively, including the power supply.

LED-based lighting technology with high lighting quality

TANEQ is a sophisticated, LED lighting solution designed to provide premium performance for task lighting applications. The Light Forming Technology and choice of light output,

color temperature and lens configuration offer clear, glare-free lighting, relieving eye strain and further benefiting the user.

Laboratory work is very precise and detailed in nature and lighting can be one of the most important tools of all. The high color rendering index (CRI) of 85 (with the clear, prismatic lens) and 90 (with the translucent lens) generates superb color reproduction. TANEQ also has dimming capabilities of 100% down to 10% of the total light output, adjusting to a specific task with ease.



TAUREO. MODULAR LIGHTING SYSTEM.

TAUREO is Waldmann's newest LED modular facility lighting system, designed to be installed either independently, in a continuous row across a large area, or anything in between. Using a pre-installed mounting grid, this method significantly reduces installation time by approx. 50 percent

and drastically minimizes subsequent maintenance or re-modeling times. Ballasts and light modules can be installed in advance to save time and money. For further customization, accessories such as daylight- and presence-sensors or emergency lighting can easily be integrated into the system.



TAUREO LED modular facility lighting at a glance:

- 50% energy savings in comparison to conventional luminaires
- Maintenance-free: LED service life of up to 50,000 hours
- Maximum flexibility due to modular construction
- 200 LEDs per light module
- Power consumption 31W or 37W depending on model
- Net lumen package 3300 or 4000 lumens
- Operating temperature: -13°F to 104°F (at 3300 lumens)
- Color temperature: warm white 3000K, neutral white 4000K, or daylight white 6500K
- Continuously dimmable 1-10V or DALI standard
- System of protection: IP20 for fixture, IP40 for grid system
- Optional DALI, daylight control and presence sensor technology available

MINELA. FLEXIBLE AND EFFICIENT LIGHTING.

MINELA shines with true innovation illuminating the workspace with a wide distribution of comfortable light. Shadows are completely eliminated due to its 5-watt high-power multichip LED strip design. MINELA combines superb quality lighting, energy-efficiency and high design to give the workspace a sleek, functional and productive environment.



MINELA gooseneck LED task luminaire at a glance:

- High-power multichip LED strip design
- 4000K neutral white color temperature
- Light control via reflector
- Anodized aluminum housing, acrylic lens
- Flexible metal arm for minimum 20,000 movements
- Illuminated touch-LED integrated in the luminaire head for on/off and dimming
- System of Protection IP20
- Supplied with 8-foot cord and NEMA 1-15A plug
- Various mounting options available

TEVISIO. MAKING THE DIFFERENCE CLEARLY VISIBLE.

TEVISIO lives up to the high standards of the Waldmann product line. Forty-eight premium LEDs illuminate a 6" wide-angle, scratch-resistant, distortion-free lens. Touch panel dimming provides customization of the light output from 100% to 10%. Patented innovative balanced-arm

technology allows for easy adjustment and precise positioning while six independent swivel joints turn up to 90 degrees in every direction. TEVISIO tests at 40% more efficient than conventional fluorescent magnifier luminaires.

TEVISIO LED magnifier luminaire at a glance:

- 48 premium LEDs
- Power consumption: 14W
- 4000K neutral white color temperature
- 50,000 hours maintenance-free LED life
- 3.5 diopter or 3.5d + 8d magnification options
- Housing made of anodized aluminum
- Pivoting head joint for individual adjustment
- Spring-balanced arm for easy adjustments
- Touch panel integrated in the luminaire head for on/off, dimming or segment switching
- IP20, double-insulated
- 100-240V, 50/60Hz operation
- 12-foot cord with US plug
- Various mounting options available



RING LED. COMPACT AND PRECISE FOR DETAILED INSPECTIONS.

RING LED is the lighting solution for the precise examination of parts for a number of fields of application – from laboratory work to research and development. The sleek design is minimal and fits easily into any workspace. The luminaire head is less than ½" thick and a mere 5" in diameter. The specially coated, distortion-free Eschenbach magnifier lens reaches 2.8" in diameter and offers 5.3 distortion-free diop-

ters. Six innovative LEDs provide added value compared to conventional fluorescents: four times more light per watt, considerably lowering energy consumption. These LEDs offer a minimum of 50,000 hours of operating life at 100% brightness level – maintenance-free for over six years running 24/7!



RING LED magnifier luminaire at a glance:

- Six high-output LEDs
- Maintenance-free for a minimum of 50,000 hours
- Touch-switch for on/off operation
- Optical-grade lens with 5.3 diopters (2.4X magnification)
- Plug-in transformer for 120-240V, 50/60Hz operation
- Ideal for laboratories and QC inspection
- Wide light distribution
- Industrial-grade gooseneck arm is strong, even after 20,000 movements
- Sleek and modern design

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